

Work Order ID 86605***86605***

Page 1

Item ID: D3608-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Upper Doubler

Start Date: 7/5/2012 Start Qty: 5.00

5

Cust Item ID:

Required Date: 7/13/2012 Req'd Qty: 5.00

5

Customer:

Reference: REWORK TO POLISH

Approvals: Process Plan: *mf*Date: *12-07-05* Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursTool ID Tool # Plan
Code Accept Reject Reject Insp.
Qty Qty Number Stamp

Draw Nbr

Revision Nbr

D3608

C

170

0.00

170

QC

Memo

0.00

Quality Control

PULL FROM STOCK D3608-3 X 5 B 78851

CL 12/07/17

180

Outsource process - Electrochemically polish

0.00

180

Outsource6

Memo

0.00

Outsource process - Electrochemical

*P/O: 17481
CPTech**CL 12/07/17 (7)*

190

Receive & Inspect for Damage & Mat'l Certs

0.00

190

Packaging

Memo

0.00

Packaging

CL 12/21/17 (7)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86605

Thursday, July 05, 2012 3:26:16 PM

86605

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Item ID: D3608-3

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Upper Doubler

Stop *NS2*

Start Date: 7/5/2012 Start Qty: 5.00 *5*

Cust Item ID:

Required Date: 7/13/2012 Req'd Qty: 5.00 *5*

Customer:

Reference: REWORK TO POLISH

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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200

QC5- Inspect part completeness to step on W/O

0.00

200

QC

Memo

0.00

Quality Control

210

Identify as per dwg & Stock Location: 178

0.00

210

Packaging

Memo

0.00

Packaging

220

QC21- Final Inspection - Work Order Release

0.00

220

QC

Memo

0.00

Quality Control

DAS
16
9-89

12/4/27

12/7/27

12/7/27

12/7/27

12/7/30

12-07-27

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, July 05, 2012 3:26:15 PM

Page 1

Work Order ID: 86605
Parent Item: D3608-3
Parent Item Name: Upper Doubler

Start Date: 7/5/2012 Required Date: 7/13/2012
Start Qty: 5.00 Required Qty: 5.00

Comments: IPP Rev:A New Issue 07-03-26 JLM
IPP Rev:B 08-10-15 preliminary issue DD verified by:EC
IPP Rev:C 08-12-11 rev.A as per dwg DD verified by:EC IPP Rev:D 10.02.16 rev.B as
per dwg DD verified by:EC IPP Rev:E 10.11.17 as per PC1 dwg DD verified by:EC IPP
Rev:F 10.11.29 as per revC dwg DD verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3608-3 Upper Doubler		Manufactured	No				Each	0.0000		5		6/27/12	(7)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17481

Purchase Order Date 7/18/12

PO Print Date 7/19/12

Page Number 1 of 1

Order From : VC-WEM001
WATERLOO ELECTROPLATING & METAL FINISHING INC.
105 RANDALL DRIVE
WATERLOO, ONTARIO N2V 1C5
CANADA

Contact Name
Vendor Phone 519-884-0797
Vendor Fax 519-884-4937
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
	86605	D3608-3 UPPER DOUBLER	7/27/12 Yes	7.00	FedEx PI collect	\$30.0000	\$210.00
		Special Inst: ELECTROPOLISH AS PER BAPS 160-036					
2	86604	D3608-1 LOWER DOUBLER	7/27/12 Yes	8.00	FedEx PI collect	\$30.0000	\$240.00
		Special Inst: ELECTROPOLISH AS PER BAPS 160-036					
	86607	D3609-1 FUEL PANEL	7/27/12 Yes	3.00	FedEx PI collect	\$25.0000	\$75.00
		Special Inst: ELECTROPOLISH AS PER BAPS 160-036					
PO Total:							\$525.00

Change Nbr: 3

Change Date: 7/19/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Waterloo Electroplating

& Metal Finishing Inc.

We bring excellence to the surface

CERTIFICATE OF COMPLIANCE

Issued to: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

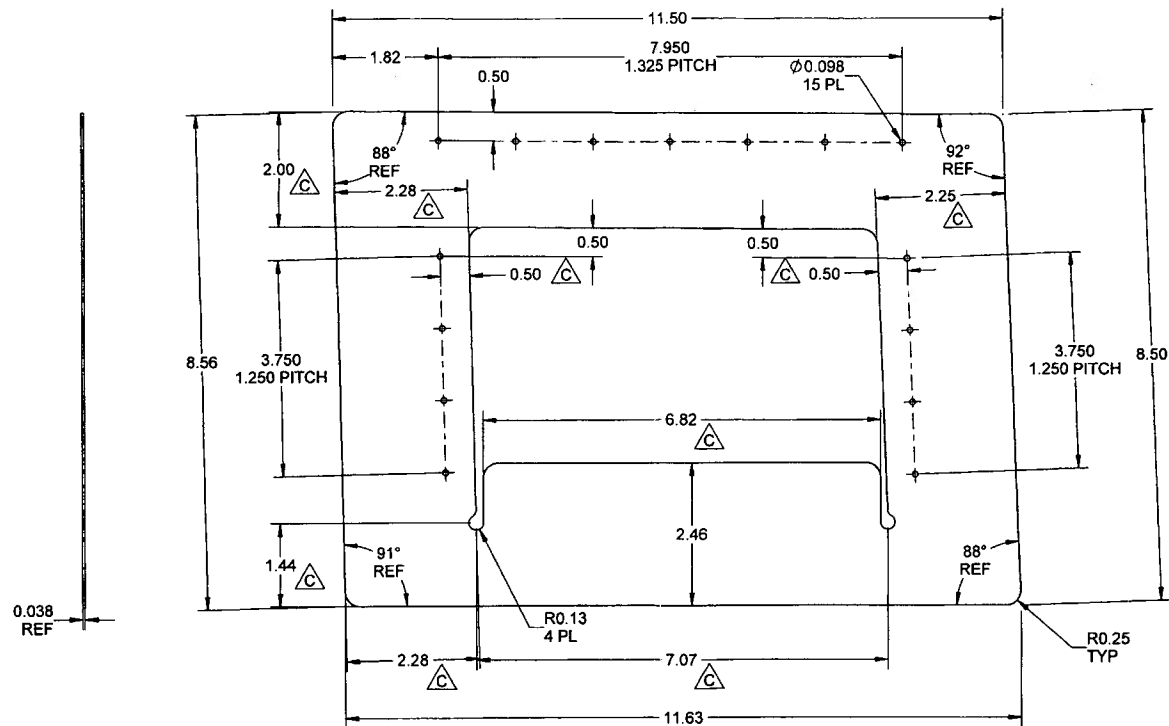
Date: July 26, 2012
P.O. # PO17481

This is to certify that the items listed below have been processed and finished in compliance to the specifications in the contract or purchase order.

Part #	Description	Qty	Specification
86605	D3608-3 Upper Doubler	7	Electropolish BAPS 160-036
86604	D3608-1 Lower Doubler	8	Electropolish BAPS 160-036
86607	D3609-1 Fuel Panel	3	Electropolish BAPS 160-036

For and on behalf of
WATERLOO ELECTROPLATING
Q. C.







Shakil Ahsan



D3608-3 UPPER DOUBLER

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, 20 GAUGE
PER MIL-S-5059, OR AMS 5513 (304) OR AMS 5524 (316)
OR ASTM A240 OR ASTM SA240
REF DART SPEC M304S20GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.75 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3608	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		DOUBLER	NTS
DATE	10.11.19	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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